



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

OWW LLC

3001 Tuxedo Avenue
West Palm Beach, FL 33405

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Mahogany Single Rectangle" Outswing Wood Awning Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **06-07013-A**, titled "Awning Wood Windows", sheets 1A through 8A of 8, dated 07/10/06, with revision #2 dated 10/18/12, prepared by SECO Sinclair Engineering Company, signed and sealed by Steve M. Sinclair, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and renews** NOA# **07-0504.03** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



MP
7/10/29/12

NOA No. 12-0816.05
Expiration Date: August 23, 2017
Approval Date: October 25, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **06-07013-A**, titled "Awning Wood Windows", sheets 1A through 8A of 8, dated 07/10/06, with revision #2 dated 10/18/12, prepared by SECO Sinclair Engineering Company, signed and sealed by Steve M. Sinclair, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94along with marked-up drawings and installation diagram, prepared by Certified Testing Laboratories, Inc., Test Report No. **CTLA-1645W-1**, dated 04/23/07, signed and sealed by Ramesh Patel, P.E.
(Submitted under previous NOA# 07-0504.03)

C. CALCULATIONS


1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by SECO Sinclair Engineering Company, dated April 11, 2007 with revision dated July 04, 2007, signed and sealed by Steve M. Sinclair, P.E.
(Submitted under previous NOA# 07-0504.03)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-1102.11** issued to **Solutia, Inc.** for their "**Saflex Clear and Color Glass Interlayers**" dated 06/14/12, expiring on 05/21/16
2. Notice of Acceptance No. **11-1102.09** issued to **Solutia, Inc.** for their "**Saflex CP – Saflex and Saflex HP Composites Glass Interlayers with PET Core**" dated 06/14/12, expiring on 12/11/13.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0816.05
Expiration Date: August 23, 2017
Approval Date: October 25, 2012

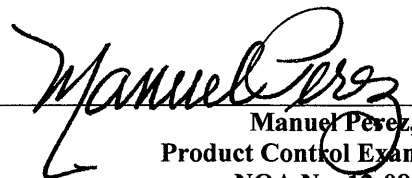
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of compliance, complying with the FBC 2010, dated June 15, 2012, prepared by SECO Sinclair Engineering Company, signed and sealed by Steve M. Sinclair, P.E.
2. Statement letter of no-financial interest, dated July 09, 2007, prepared by SECO Sinclair Engineering Company, signed and sealed by Steve M. Sinclair, P.E.
(Submitted under previous NOA# 07-0504.03)

G. OTHER

1. Notice of Acceptance No. **07-0504.03**, issued to O.W.W., LLC, for their Series "Mahogany Single Rectangle" Outswing Wood Awning Windows – L.M.I., approved on 08/23/07 and expiring on 08/23/12.



Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0816.05

Expiration Date: August 23, 2017
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FIXED WINDOWS
BY OWW LLC

DESIGN PRESSURE = + 75.0 PSF, - 75.0 PSF
WATER PRESSURE = 12.0 PSF

THESE WINDOWS HAVE BEEN DESIGNED AND TESTED IN ACCORDANCE
WITH FLORIDA BUILDING CODE 2010.

WINDOWS ARE IMPACT RESISTANT.
HURRICANE SHUTTERS ARE NOT REQUIRED AT ANY INSTALLATION.

ALL OPENINGS (BY OTHERS) INCLUDING CONCRETE, CONCRETE BLOCK, STEEL AND
ASSOCIATED BUCKING MUST BE DESIGNED BY A LICENSED ARCHITECT OR
ENGINEER TO ACCEPT THE LOADS TRANSFERRED FROM THE WINDOW SYSTEM.
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT, OR
ENGINEER OF RECORD TO VERIFY THE STABILITY OF THE STRUCTURE.

THERE SHALL BE NO LIMIT TO THE NUMBER OF UNITS PER OPENING,
PROVIDED THAT ALL RESTRICTIONS PER THESE DRAWINGS ARE MET AND
THE OPENING IS PROPERLY DESIGNED TO ACCEPT AND TRANSFER THE
LOADS IMPOSED BY THE WINDOWS. (SEE SAMPLE CONFIGURATIONS -SHT#2

ALL ANCHORS OR FASTENERS SHALL BE SIZED AND INSTALLED PER THESE DRAWINGS

MATERIAL OF PRODUCT TESTED IS MAHOGANY. ANY WOOD OF EQUAL OR GREATER
STRENGTH MAY BE SUBSTITUTED AT MANUFACTURER'S OPTION

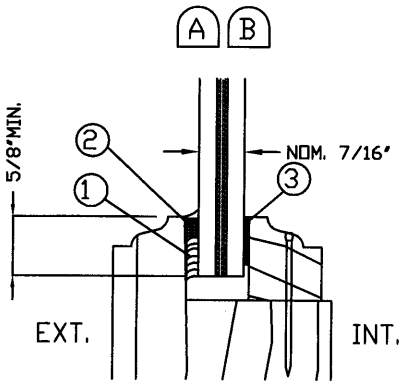
GLASS TYPES AND GLAZING MATERIAL

- A

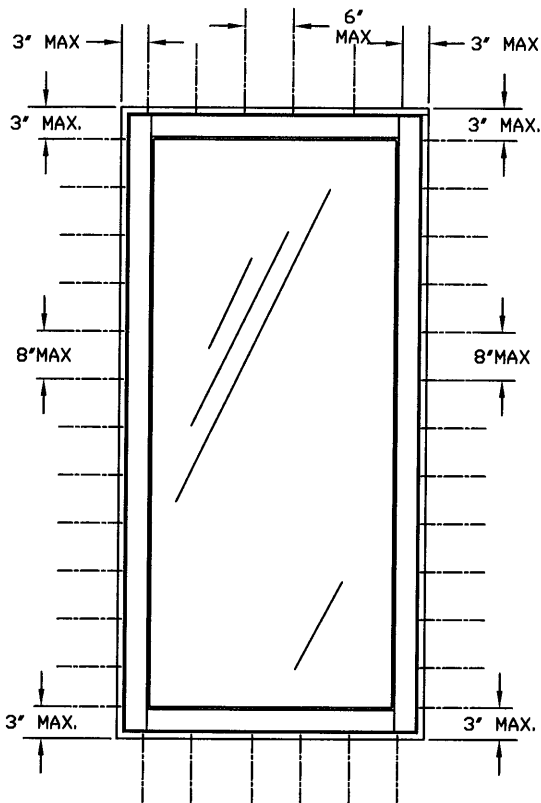
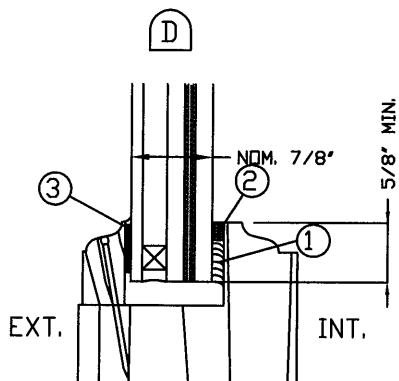
7/16" (NOM.) LAMINATED:
3/16" AN/.075 VANCEVA INTERLAYER BY Solutia / 3/16" AN
- B

7/16" (NOM.) LAMINATED:
3/16" AN/.09" SAFLEX PVB INTERLAYER BY Solutia/3/16" AN
- D

7/8" (NOM.) INSULATING GLASS:
3/16" AN/.075 VAVCEVA INTERLAYER BY Solutia /3/16" AN EXT. LITE
1/4" AIR SPACE/1/8" HS INT. LITE



- 1 STRUCTURAL SILICONE
TREMCO SPECTRUM 2
- 2 FOAM GLAZING TAPE
NORSEAL V992
- 3 FOAM GLAZING TAPE
NORSEAL V992



NO HARDWARE
ON FIXED UNITS

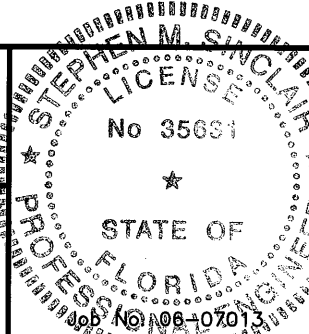
TYPICAL ANCHOR SPACING

OPENING SUBSTRATE	MINIMUM FASTENER TYPE/SIZE	MINIMUM EMBEDMENT	MINIMUM EDGE DISTANCE
WOOD	#12 SS WOOD SCREW GRADE 5 MIN	1 1/4"	2 1/4"
BLOCK/CONCRETE	1/4" CONC. SCREW	1 1/4"	2 1/4"
STRUCTURAL STEEL	#14 TEK SCREW GRADE 5 MIN	FULL	2 1/4"

NOTES:
SPECIFIED EMBEDMENT SHALL BE BEYOND WALL FINISH OR STUCCO
STRUCTURAL STEEL TO BE 12 GA. MINIMUM
CONCRETE SCREWS TO BE TAPCON OR EQUAL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0816.05
Expiration Date 12-23-2017
By *Manuel Perez*
Miami/Dade Product Control

Stephen M Sinclair
OCT 18 2012
STEPHEN M. SINCLAIR, P.E.
PROFESSIONAL ENGINEER
LICENSE NUMBER 35631



AWNING WOOD WINDOWS

Product

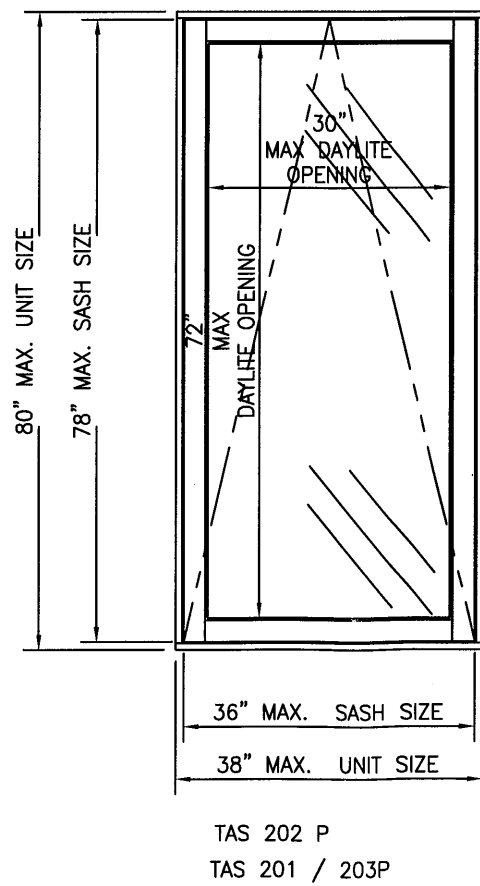
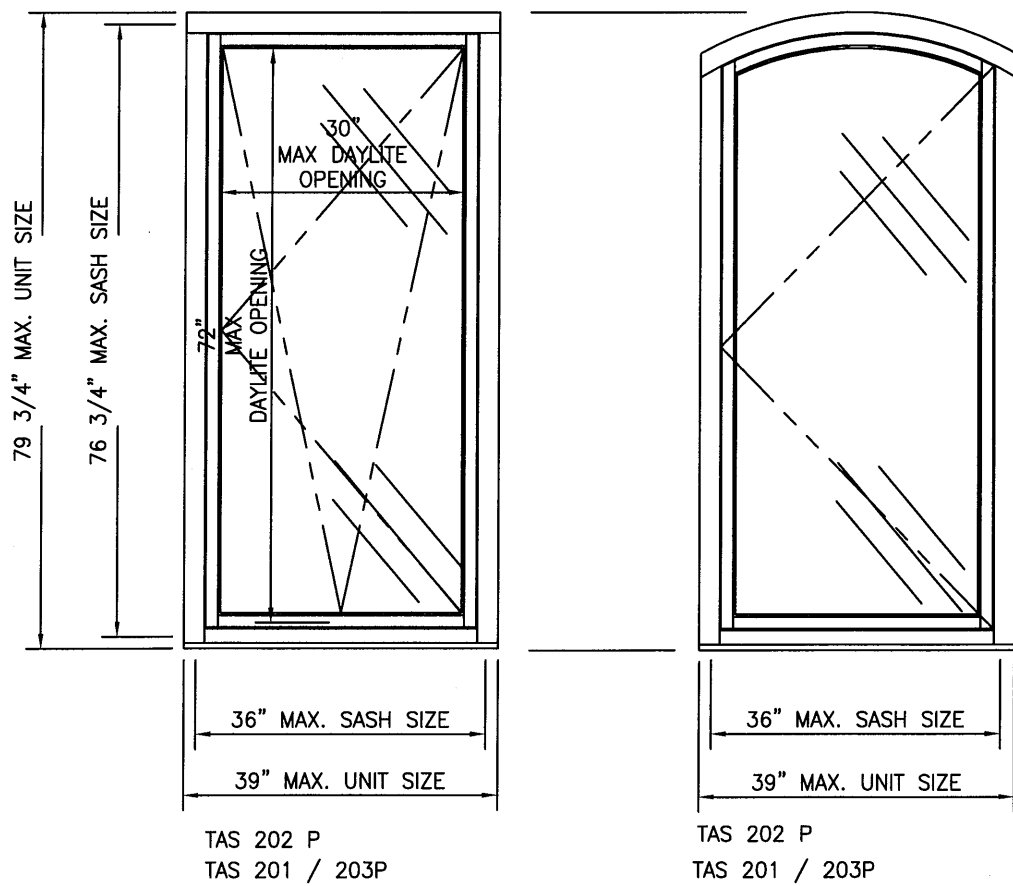
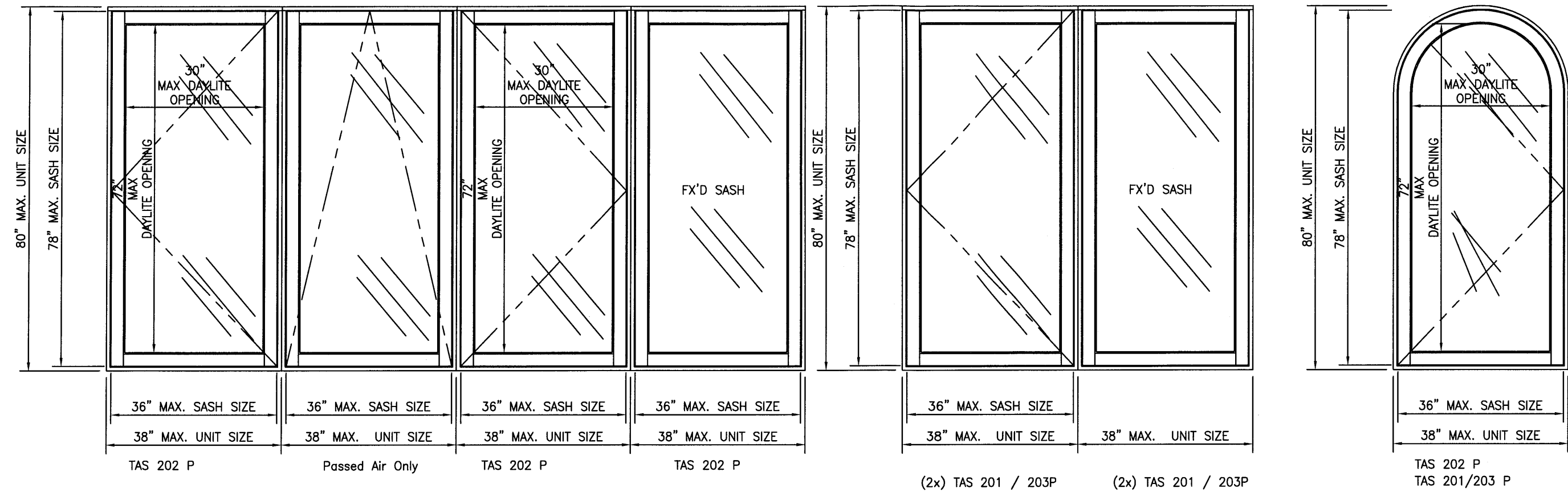
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Drawing No.
06-07013-A
Sheet No.
1A of 8

OWW LLC
3001 Tuxedo Ave., West Palm Beach, FL 33405
Ph. 561-478-7233 Fax 561-478-7858

8259 North Military Trail, Suite 2
Palm Beach Gardens, FL 33418
561-630-5488 Fax 561-630-4370
sinclairengineeringcompany.com
COA 5426

TEST CONFIGUARTIONS



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0816-05
Expiration Date Aug. 23, 2017
By *Manuel Perez*
Miami Dade Product Control

Stephen M. Sinclair
OCT 18 2012
STEPHEN M. SINCLAIR, P.E.
PROFESSIONAL ENGINEER
LICENSE NUMBER 35631

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 35631
Job No. 06-07013

SEE SHEET 3 FOR HARWARE LAYOUT

OWW LLC

3001 Tuxedo Ave., West Palm Beach, FL 33405
Ph. 561-478-7233 Fax 561-478-7858

Product: AWNING WOOD WINDOWS

Date: 07-10-06
Scale: 1/2"=1'-0"

Rev. 6/8/12 Updated Florida Building Code
Rev. 10/18/12 Drawing Number Added

Drawn: lw

Drawing No. 06-07013-A

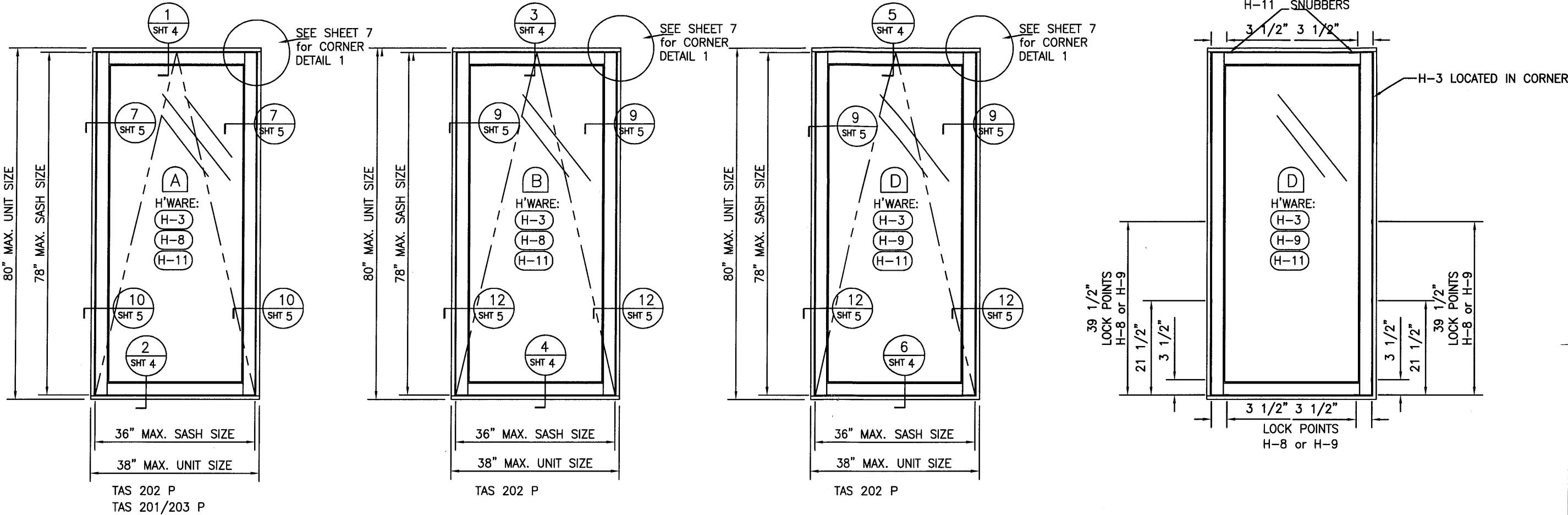
Sheet No. 2A of 8

SINCLAIR
Design With Integrity
Sinclair Engineering Company

8259 North Military Trail, Suite 2
Palm Beach Gardens, FL 33418
561-630-5488 Fax 561-630-4570
sinclairengineeringcompany.com

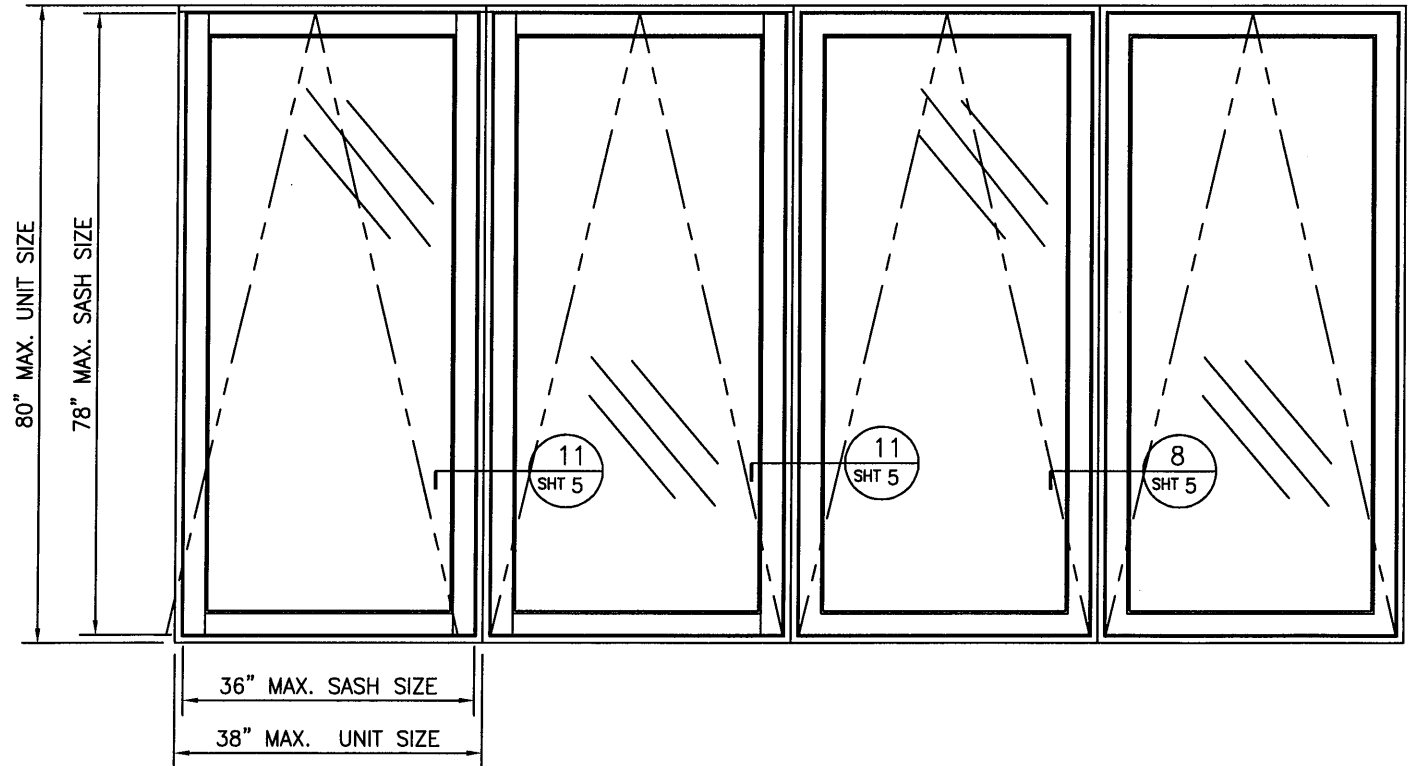
COA 5426

STANDARD AWNING WINDOWS



Denotes types of glass see sheet #1

ADDITIONAL CONFIGURATIONS



DESCRIPTION	QUANTITY	MANUFACTURER/REMARKS
H-3 4-BAR SS HINGE	2/SASH	TRUTH
H-8 MULTI-POINT LOCK	4/LOCK PTS.	GU "CONTURA"
H-9 MULTI-POINT LOCK	4/LOCK PTS.	SEGENIA SI-LINE 311
H-11 SNUBBERS	3 1/2" @ ENDS	GU

NOTE: OPTIONAL HARDWARE WILL INCLUDE ROTO OPERATORS WHICH WILL BE IN ADDITION TO HARDWARE SHOWN ON ELEVS.

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By Manuel Perez
Miami Dade Product Control

OCT 18 2012

STEPHEN M. SINCLAIR, P.E.
PROFESSIONAL ENGINEER
LICENSE NUMBER 35631

OWW LLC

8259 North Military Trail, Suite 2
Palm Beach Gardens, FL 33418
561-630-5488 Fax 561-630-4570
sinclairengineeringcompany.com

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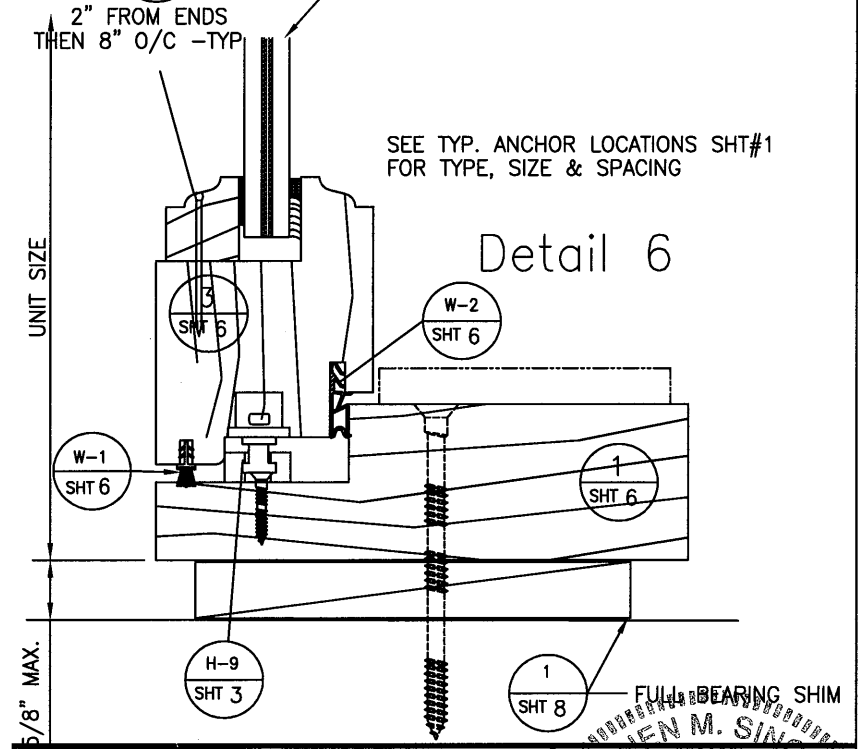
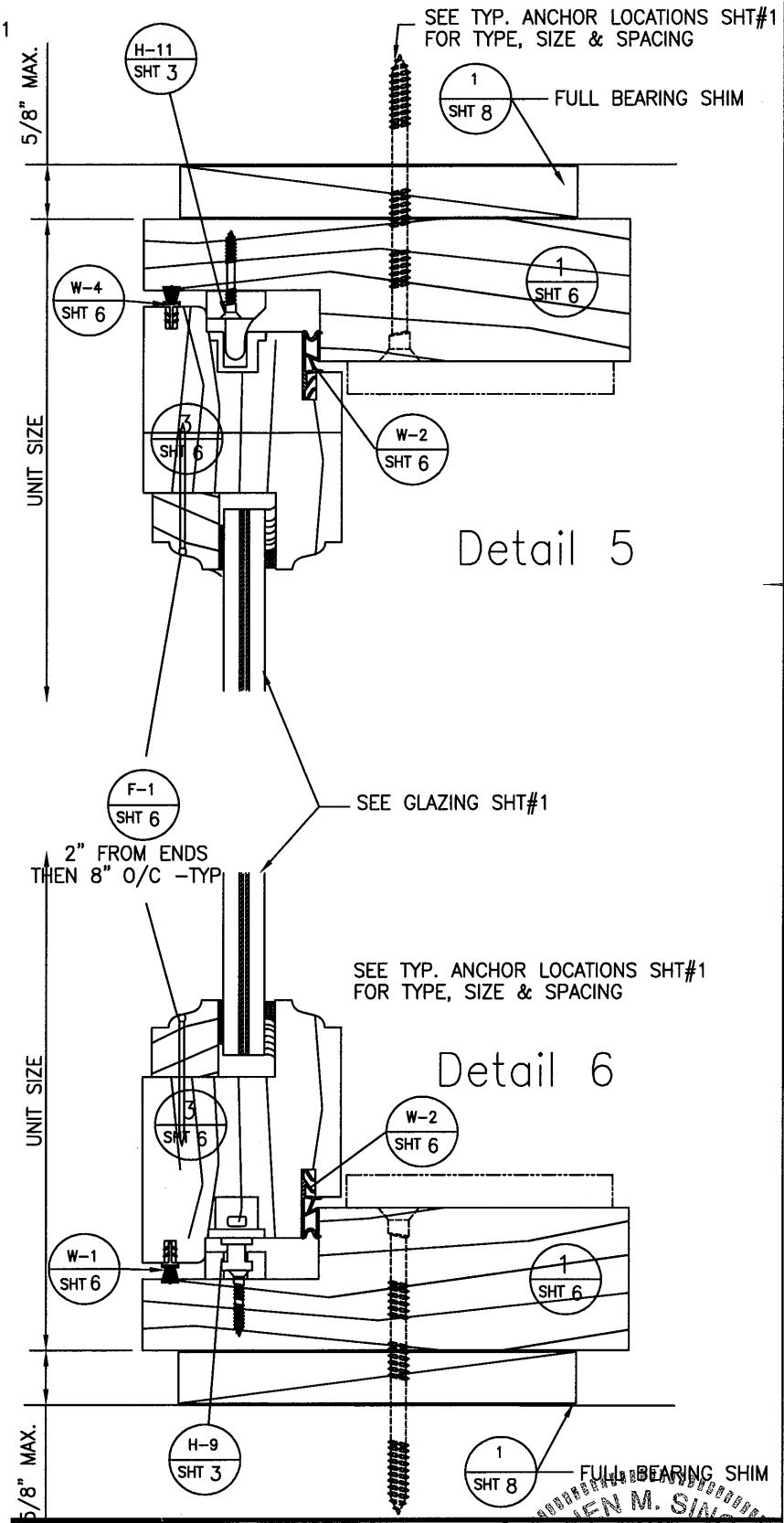
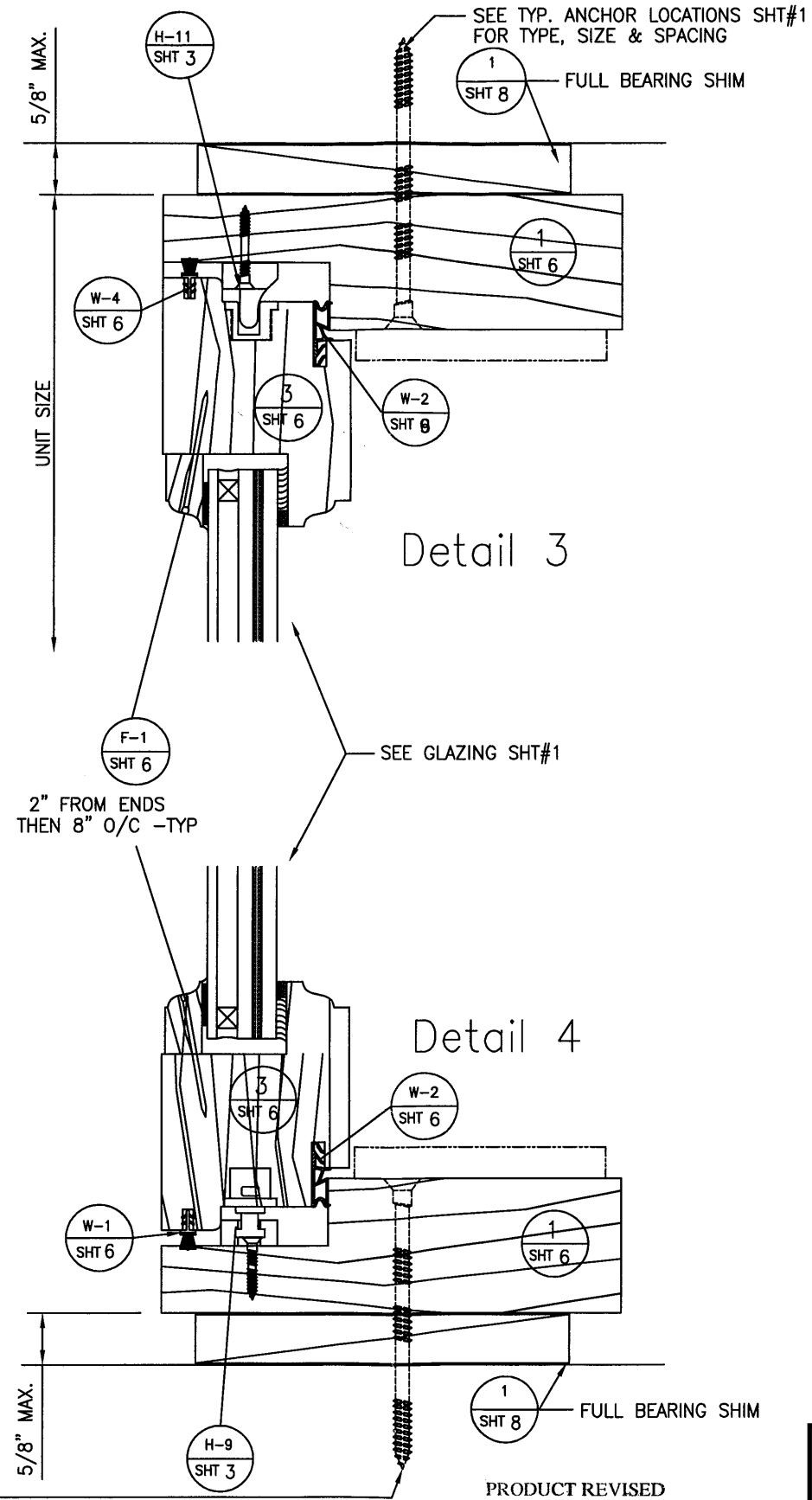
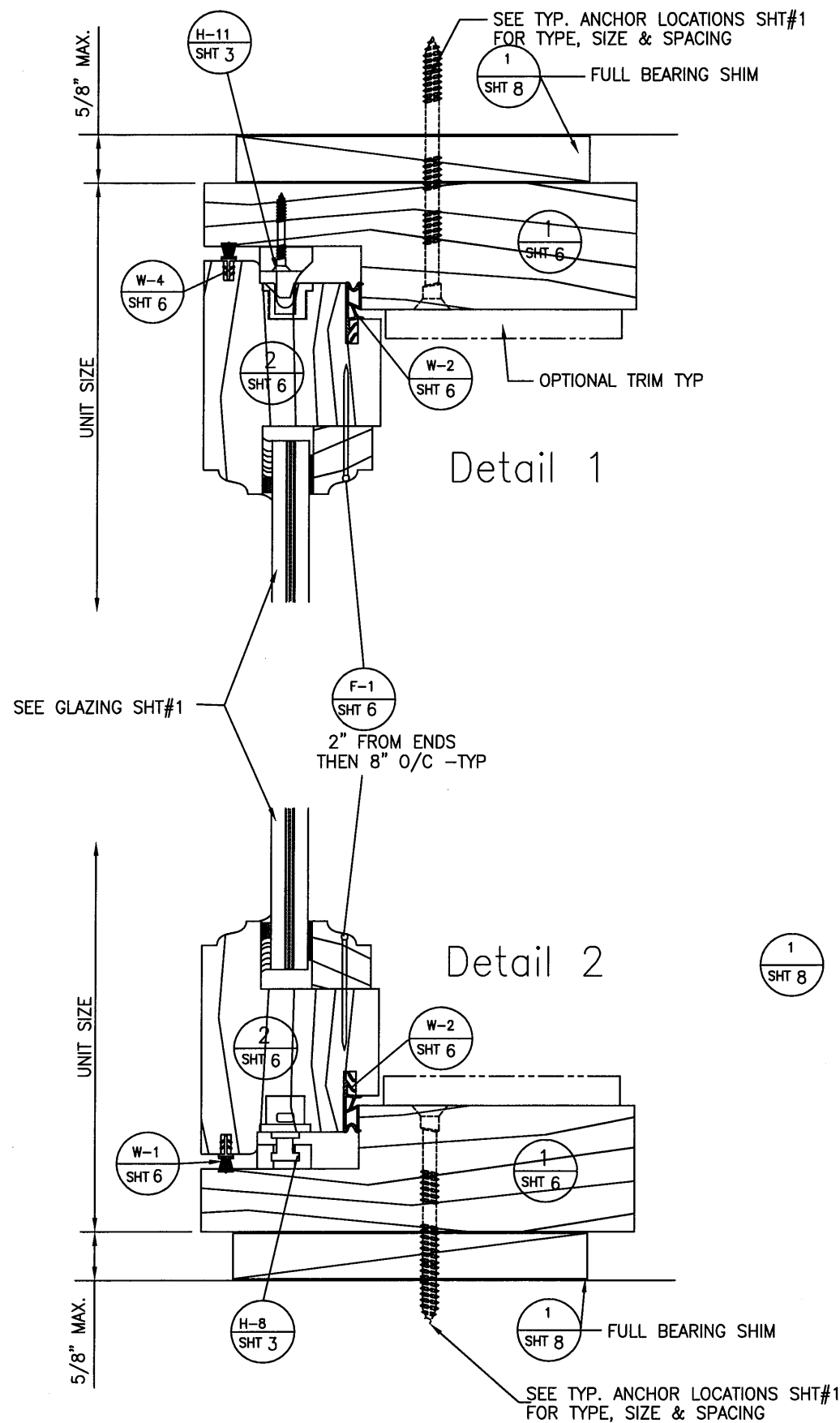
AWNING WINDOWS CONFIGURATIONS

Date: 07-10-06
Scale: 1/2" = 1'-0"
Drawing No. 06-07013-A
Sheet No. 3A of 8

Product: AWNING WINDOWS CONFIGURATIONS

Rev. 6/8/12 Updated Florida Building Code
Rev. 10/18/12 Drawing Number Added

Drawn: lw



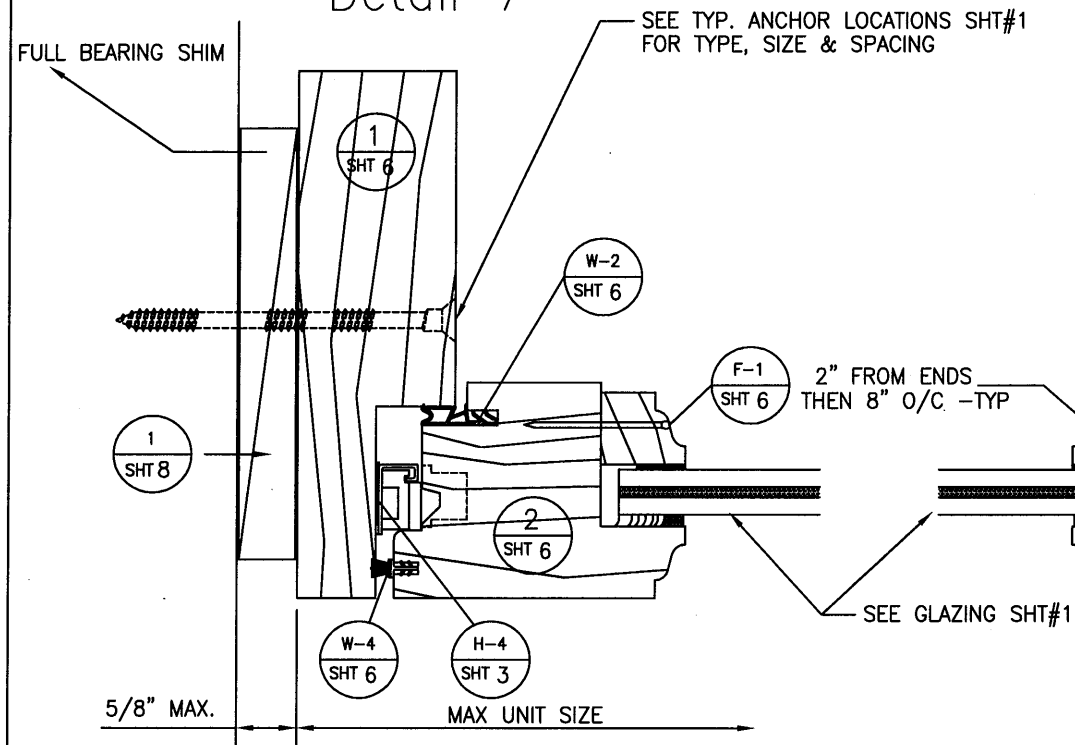
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Building Code
Acceptance No. 12-0816.05
Expiration Date Aug 23, 2017
By Manuel Perez
Miami Made Product Control

STEPHEN M. SINCLAIR, P.E.
PROFESSIONAL ENGINEER
LICENSE NUMBER 35631

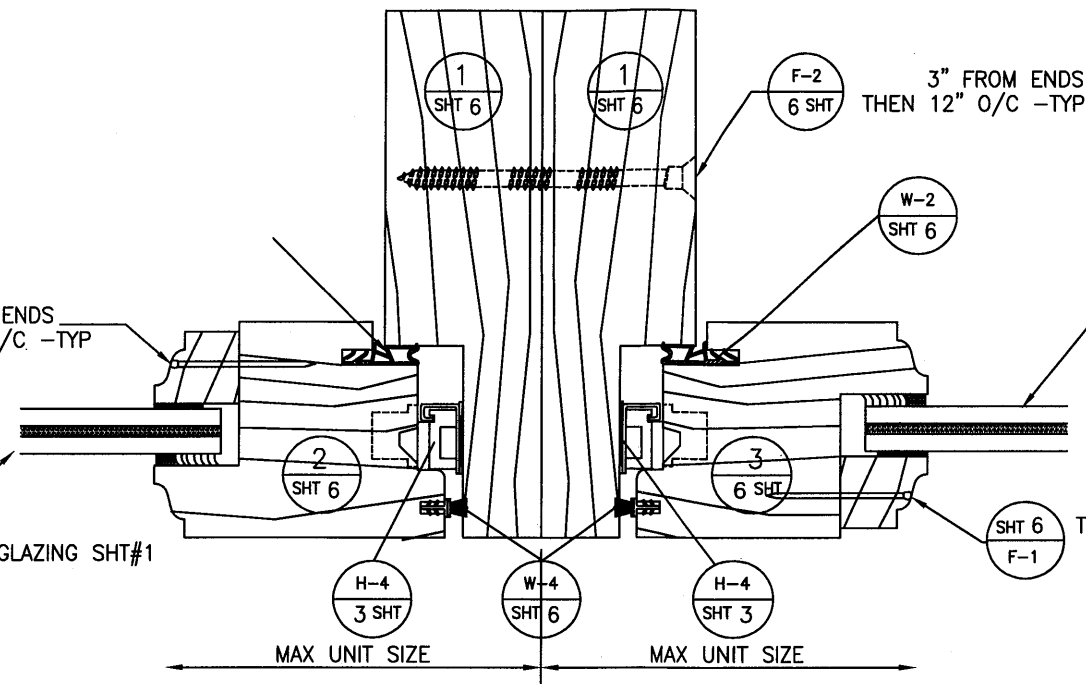
STATE OF FLORIDA
PROFESSIONAL ENGINEER
LICENSE
No. 35631
Job No. 06-07013

<p>AWING WINDOWS DETAILS</p> <p>Product: 06-07013-A</p> <p>Date: 7-10-07</p> <p>Scale: 1/2" = 1"</p> <p>Drawn: LW</p>		<p>OWW LLC</p> <p>3001 Tuxedo Ave., West Palm Beach, FL 33405</p> <p>Ph. 561-478-7233 Fax 561-478-7858</p>	<p>8259 North Military Trail, Suite 2 Palm Beach Gardens, FL 33418 561-630-5488 Fax 561-630-4570 sinclairengineeringcompany.com</p> <p>COA 5426</p>
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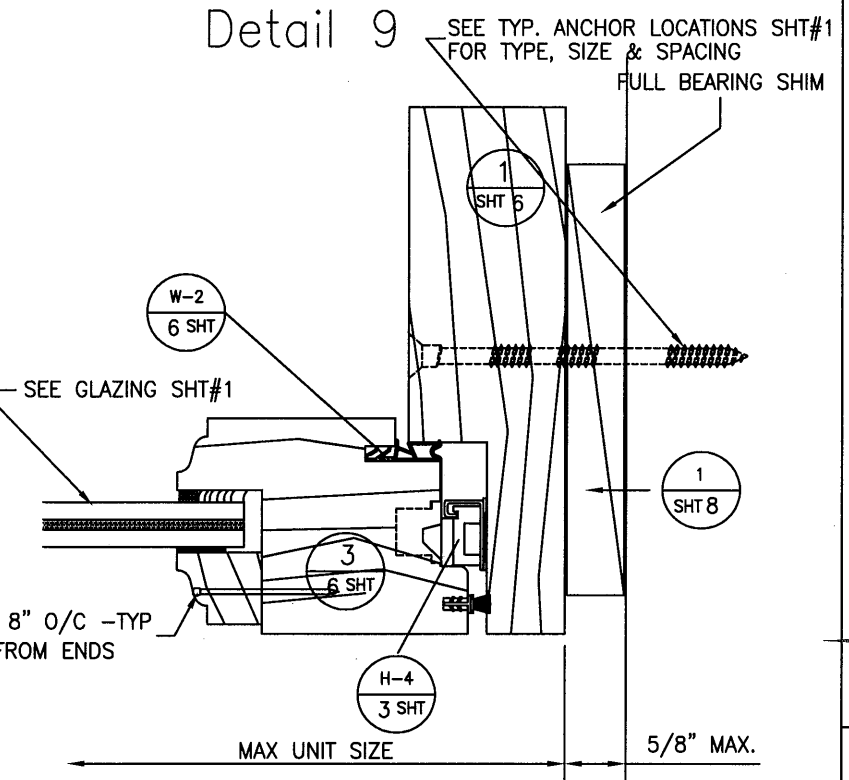
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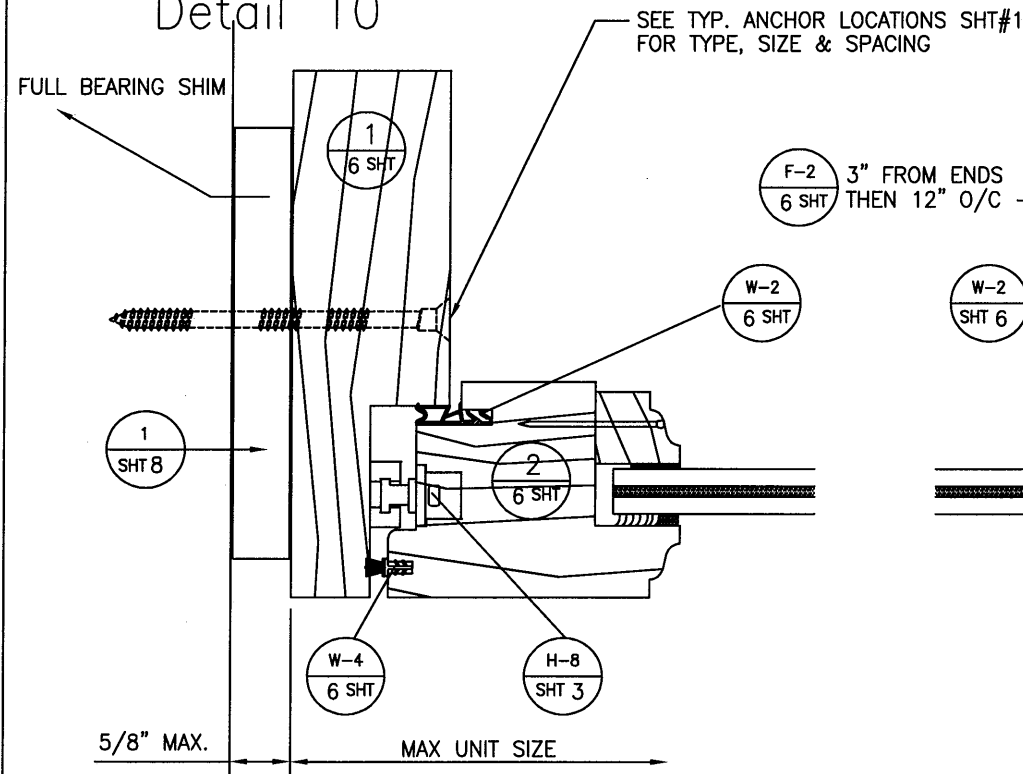
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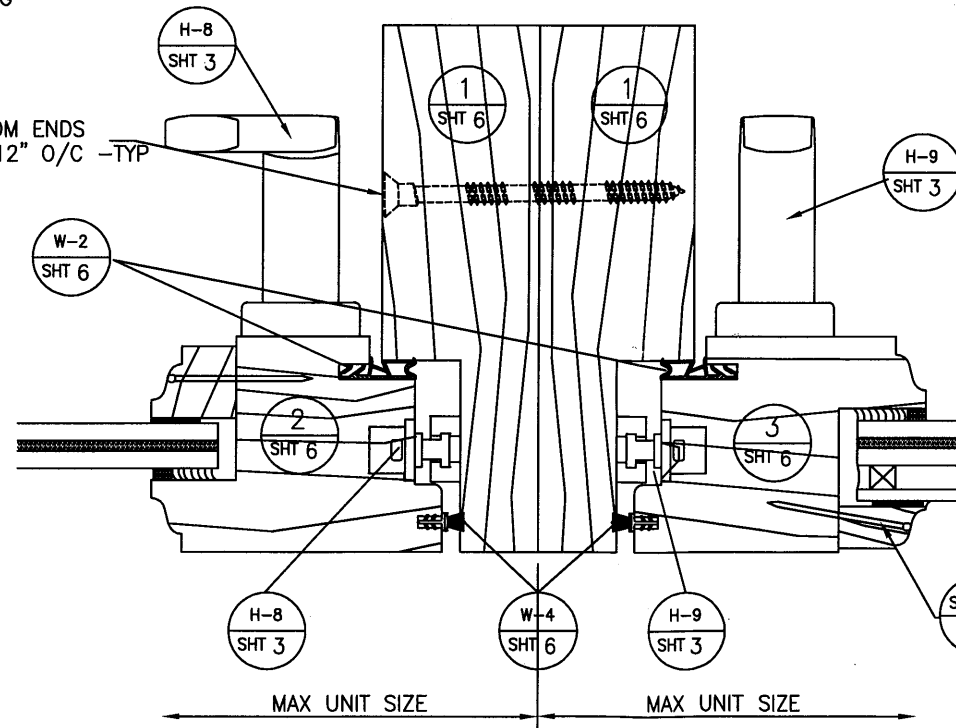
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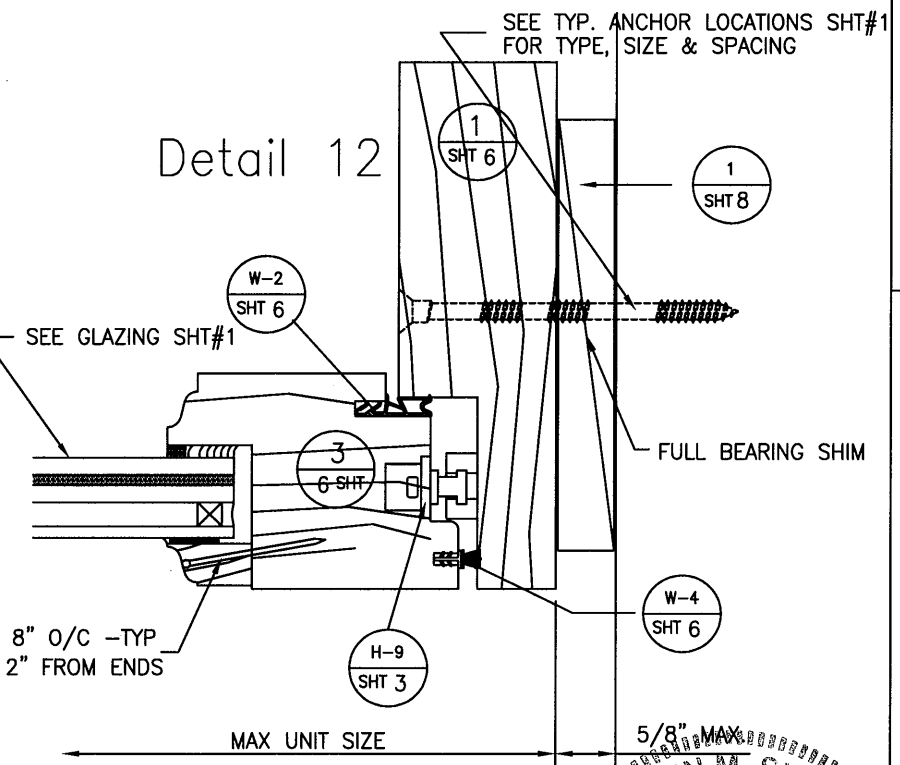
Detail 10



Detail 11



Detail 12



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0816-05
Expiration Date Aug 23, 2017
By *Maureen Perez*
Miami Dade Product Control

Stephen M. Sinclair

OCT 18 2012

STEPHEN M. SINCLAIR, P.E.
PROFESSIONAL ENGINEER
LICENSE NUMBER 35631

STATE OF FLORIDA
PROFESSIONAL ENGINEER
LICENSE No 35631

8259 North Military Trail, Suite 2
Palm Beach Gardens, FL 33418
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sinclairengineeringcompany.com

OWW LLC

3001 Tuxedo Ave., West Palm Beach, FL 33405
Ph. 561-478-7233 Fax 561-478-7888

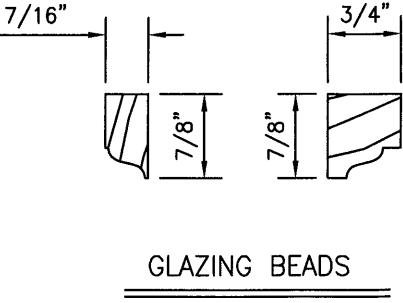
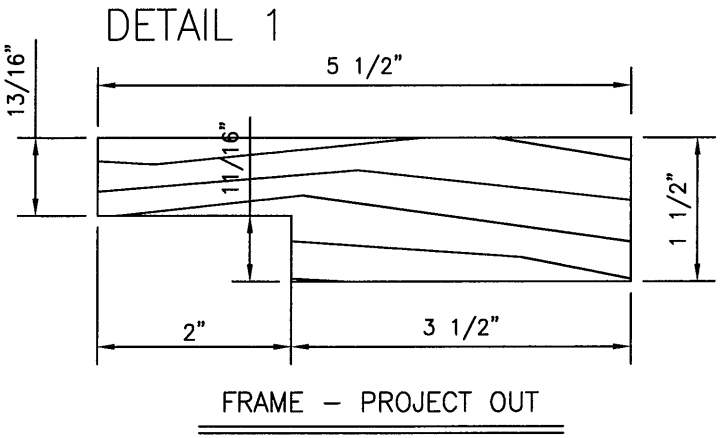
AWNING WINDOWS DETAILS

Rev. 6/8/12 Updated Florida Building Code
Rev. 10/18/12 Drawing Number Added

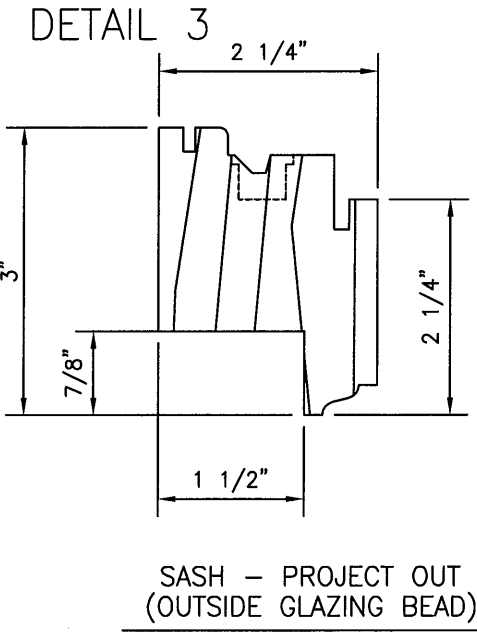
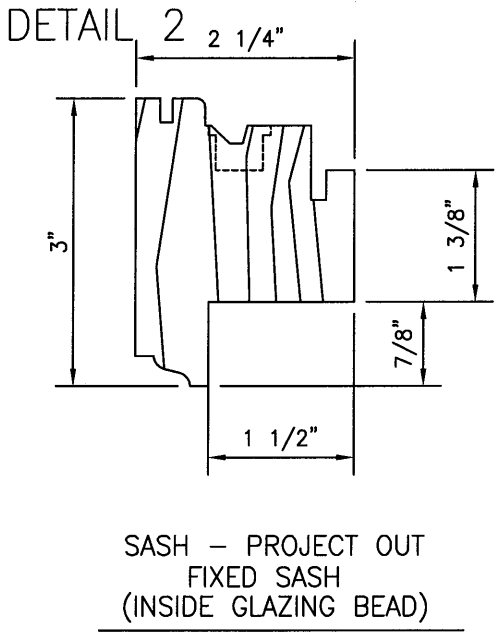
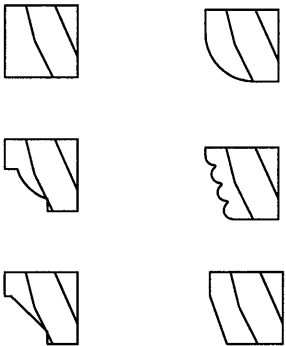
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Drawing No. 06-07013-A
Sheet No. 5A of 8

COMMON PART DETAILS FOR ALL CASEMENTS



SASH AND BEAD PROFILES CAN BE CUSTOMIZED PER MANUFACTURER OR CUSTOMER'S OPTION. SUCH AS (BUT NOT LIMITED TO):



GASKETS & FASTENERS

- (W-1) SEALMAX "TIMBERSEAL" BRUSH PILE W'STRIP
(W-2) GU ACF 6950 (OR EQUAL) FROM GU
(W-4) Q-LON 320 SCHLEGEL

- (F-1) 1 1/2" X 18 GA. SS PNEUMATIC NAILS
(F-2) #10 X 2 1/2" SS FL HD. WOOD SCREWS 80KSI
(F-3) #10 X 2" SS FL HD. WOOD SCREWS 80KSI

PRODUCT REVISED
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By Manuel Perez
Miami Dade Product Control

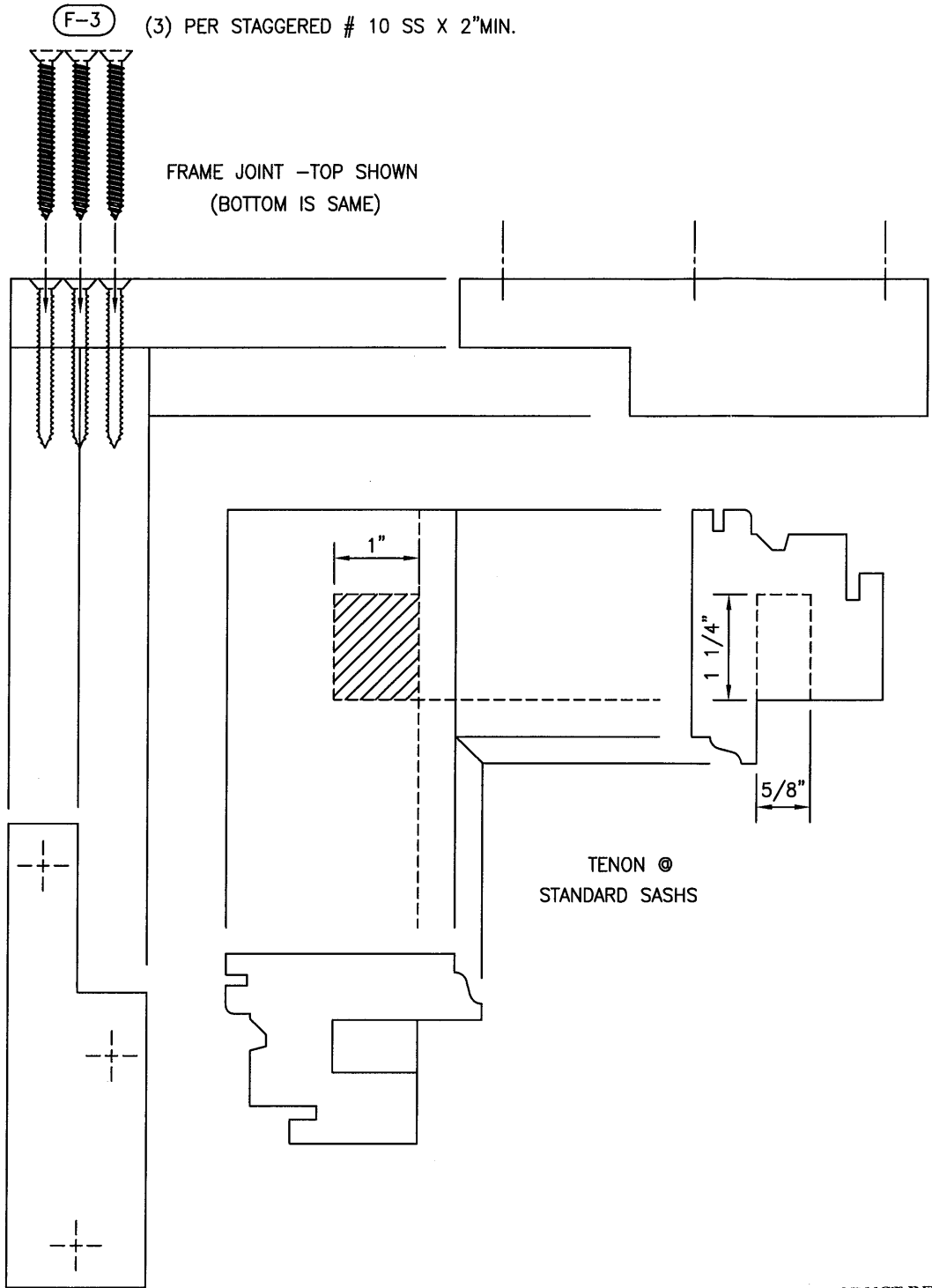
STEPHEN M. SINCLAIR, P.E.
PROFESSIONAL ENGINEER
LICENSE NUMBER 35631

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No 35631
OCT 18 2012

AWNING DETAIL PARTS		Product: OWW LLC		8259 North Military Trail, Suite 2 Palm Beach Gardens, FL 33418 561-630-5488 Fax 561-630-4570 sinclairengineeringcompany.com COA 5426	
Date: 7-10-06	Rev. 6/8/12 Updated Florida Building Code	3001 Tuxedo Ave., West Palm Beach, FL 33405		Sinclair Engineering Company	
Scale: 1/2"=1"	Rev. 10/18/12 Drawing Number Added	Ph. 561-478-7233 Fax 561-478-7858		Design With Integrity	
Drawn: LW					
Drawing No. 06-07013-A					
Sheet No. 6A of 8					

COMMON PART DETAILS FOR ALL AWNING

DETAIL 1 STANDARD CASEMENTS



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By Manuel Perez
Miami Trade Product Control

Signature of Stephen M. Sinclair, P.E.

OCT 18 2012

STEPHEN M. SINCLAIR, P.E.
PROFESSIONAL ENGINEER
LICENSE NUMBER 35631

STATE OF FLORIDA
PROFESSIONAL ENGINEER

AWNING WOOD WINDOWS		Product:	
Date: 7-10-06	Rev. 6/8/12 Updated Florida Building Code	Drawing No.	
Scale: 1/2"=1"	Rev. 10/18/12 Drawing Number Added	06-07013-A	
Drawn: VSO		Sheet No.	
		7A of 8	

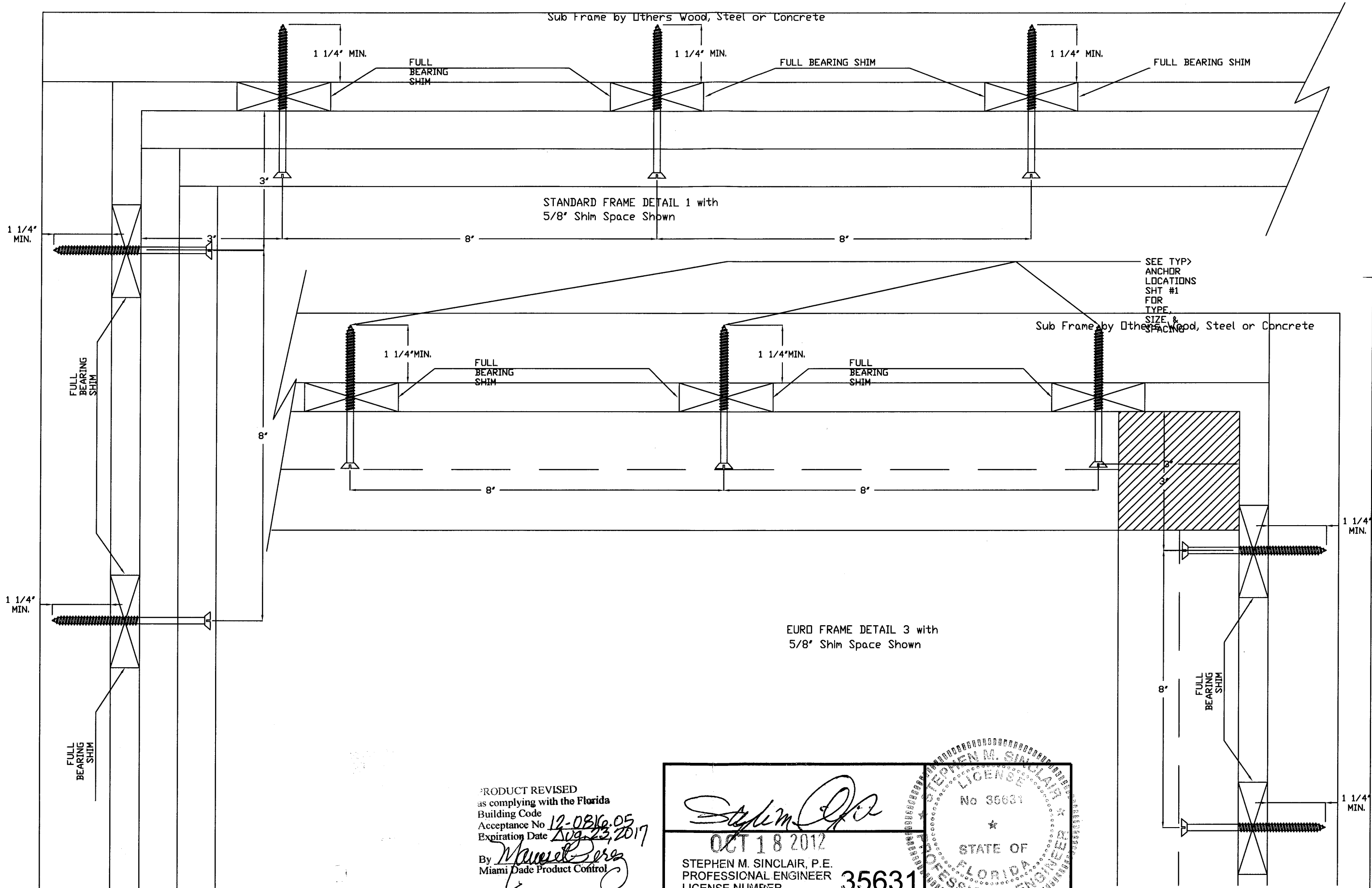
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Design With Integrity
Sinclair Engineering Company

COA 5426



PRODUCT REVISED
as complying with the Florida
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Acceptance No. 12-08K.05
Expiration Date Aug. 23, 2017
By *Maurice Perez*
Miami Dade Product Control



<p>8259 North Military Trail, Suite 2 Palm Beach Gardens, FL 33418 561-630-5488 Fax 561-630-4570 sinclairengineeringcompany.com COA 5426</p> <p>SINCLAIR Design With Integrity Sinclair Engineering Company</p>	
<p>OWW LLC</p> <p>3001 Tuxedo Ave., West Palm Beach, FL 33405 Ph. 561-478-7233 Fax 561-478-7858</p>	
<p>Product: AWNING WOOD WINDOWS - SHIM DETAIL</p>	<p>Date: 07-10-06 Scale: 1/2 Full Drawn: lw</p>
<p>Drawing No. 06-07013-A</p> <p>Sheet No. 8A of 8</p>	